

~~SECRET~~

PRIORITY

OUT60427

P 18224 1Z NOV 66

1966 NOV 18 23 25Z

FM NPIC WASHDC

TO AIG NINE SEVEN FIVE

BT

SECRET CITE NPIC 9091.

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF
AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-926, 15 NOV 66.

((TEXT WHICH FOLLOWED WAS IDENTICAL TO ABOVE CITED MSN G-926)).

SECRET

-END OF MESSAGE-

21 NOV 1966

Cy No.	Office	Action
1	FRS	
2	OS	
	SEC BR	
	TCS	
	CSD	
	IPO	
	PD	
	PSD	
	PSD-ICB	
	TID	
	IAD	
3	PAG	
	DIAX-4	
	SPAD	
	ESA-LO	
	DIA-AP	

Advance copy
Sanitized

S/C NOTE: ALSO PASSED

25X1

~~SECRET~~

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-926, 15 NOV 66.

THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

PLEASE APPROV

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
C @CLEAR@, SC @SCATTERED CLOUD COVER@, HC @HEAVY CLOUD COVER@, H @HAZE@, CS @CLOUD SHADOW@, SD @SEMI-DARKNESS@, GC @GROUND COVER@, CF @CAMOUFLAGED@, O @OBLIQUITY@, AND GR @GROUND RESOLUTION@.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD@, F @FAIR@, OR P @POOR@. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL@ OR PT @PARTIAL@. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO@, NS @NONSTEREO@, OR PS @PARTIAL STEREO@. AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES --

LIGHT @ZPU-2, ZPU-4, AND 37MM@, MEDIUM @57MM AND 85MM@, AND HEAVY @100MM AND LARGER@. WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED@.

MISSILES

GUARA SAM SITE A29-2 CU 2248N 08213W

OB -- 2 EMPLACED LAUNCHERS AND 2 MISSILE TRANSPORTERS OBSERVED IN CLOUD-FREE AREAS.

25X1

HOLGUIN SAM SITE B27-2 CU 2052N 07627W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES@, 9 MISSILE TRANSPORTERS @6 WITH MISSILES@, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 2 VAN TRUCKS, AND 1 OTHER VAN TRAILER IN CENTRAL GUIDANCE AREA, 1 AT-S TRACKED PRIME MOVER, 2 ZIL 157-V TRUCK TRACTORS, 1 CARGO TRUCK, AND 5 OTHER VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W

OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES@, 6 MISSILE TRANSPORTERS WITH EXPOSED MISSILES, A FAN SONG RADAR WITH 1 ASSOCIATED VAN TRAILER, AND 3 OTHER VAN TRAILERS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

LA SALUD SAM SITE A04-2 CU 2253N 08224W

OB -- 6 EMPLACED LAUNCHERS @1 WITH MISSILES@, 8 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AND 4 OTHER VEHICLES.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W
SITE APPEARS OCCUPIED.

OBLIQUITY LIMITS INTERPRETATION.

25X1

CONSTANCIA SAM SITE A10-2 CU 2214N 08030W

SITE APPEARS OCCUPIED.

OBLIQUITY AND HAZE LIMIT INTERPRETATION.

25X1

SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE CU 2255N 08210W

OB -- 9 PROBABLE CRUISE-MISSILE TRANSPORTER-LAUNCHERS, 41 CRUISE-MISSILE CRATES, AND 35 VEHICLES OBSERVED IN CLOUD-FREE AREAS.

NO APPARENT CHANGE IN FACILITIES.

25X1

25X1

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W
OB -- 4 FAGOT/FRESCO, 1 C-54, 1 C-46, 1 C-47, AND 13
HOUND.

25X1

HOLGUIN AIRFIELD CU 2047N 07618W
OB -- 6 FAGOT/FRESCO AND 2 CRATES OBSERVED IN
CLOUD-FREE AREAS.

25X1

SAN ANTONIO DE LOS BANOS AIRFIELD CU 2252N 08230W
OB -- 16 FISHBED, 8 FARMER, AND 5 FAGOT/FRESCO.

25X1

JOSE MARTI INTERNATIONAL AIRFIELD CU 2259N 08224W
OB -- 3 BRITANNIA, 1 COOT, 1 CUB, 4 COKE, 7 CRATE, 1
C-47, 3 MEDIUM STRAIGHT-WING, AND 4 SMALL
STRAIGHT-WING.

25X1

JAIME GONZALES AIRFIELD CU 2209N 08024W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

25X1

CAIBARIEN AIRFIELD CU 2230N 07928W
OB -- NONE OBSERVED.

25X1

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE CU 2208N 08027W
OB -- 1 PROBABLE YP OBSERVED IN CLOUD-FREE AREAS.

25X1

NUEVITAS PORT CU 2132N 07715W
VESSELS -- 2 LARGE FREIGHTERS AND 2 LARGE TANKERS.

25X1

CAIBARIEN PORT CU 2231N 07928W
VESSELS -- NONE OBSERVED.

25X1

CASILDA PORT CU 2145N 07959W
VESSELS -- NONE OBSERVED.

25X1

MATANZAS PORT CU 2302N 08134W
VESSELS -- 1 LARGE FREIGHTER AND 1 LARGE PROBABLE
TANKER.

25X1

LA HABANA PORT FACILITIES CU 2307N 08220W
OB -- NONE OBSERVED.
OTHER VESSELS -- 6 LARGE FREIGHTERS, 5 COASTAL
FREIGHTERS, AND 1 FLOATING DRYDOCK.
HEAVY CLOUDS LIMIT INTERPRETATION.

25X1

MILITARY ACTIVITY

HOLGUIN MILITARY CAMP CU 2053N 07613W
OB -- MAIN CAMP -- 13 PROBABLE TANKS/SP GUNS AND 31
PROBABLE CARGO TRUCKS.
OB -- CAMP 2.2 NM SW -- AT LEAST 24 FA PIECES, 18 CARGO
TRUCKS, AND 16 OTHER PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1

HOLGUIN MILITARY CAMP NW CU 2057N 07616W
OB -- 13 FA/AAA PIECES AND 16 CARGO TRUCKS,
NO APPARENT CHANGE IN FACILITIES.

25X1

REMEDIOS MILITARY AREA CU 2227N 07935W
OB -- 15 TANKS/SP GUNS, 16 FA PIECES, 13 CARGO TRUCKS,
AND

25X1

P-2 SANTIAGO DE LAS CASAS MILITARY CAMP CU 225N 08220W
 OB -- 6 PROBABLE TANKS/SP GUNS, 12 PROBABLE BTR 60-P,
 AND AT LEAST 70 CARGO TRUCKS.
 NO APPARENT CHANGE IN FACILITIES.

25X1

ANTON RECIO MILITARY INSTALLATION CU 2211N 08036W
 OB -- 3 VEHICLES/PIECES OF EQUIPMENT.
 NO APPARENT CHANGE IN FACILITIES.

25X1

CAMAGUEY MILITARY CAMP CU 2126N 07753W
 OB -- NONE OBSERVED IN CLOUD-FREE AREAS.
 NO APPARENT CHANGE IN FACILITIES.

25X1

CEIBA MOCHA MILITARY AREA CU 2257N 08142W
 OB -- 1 CARGO TRUCK AND 21 PROBABLE VEHICLES.
 NO APPARENT CHANGE IN FACILITIES.

25X1

JURAGUA MILITARY ACTIVITY CU 2209N 08035W
 OB -- 9 FA PIECES.
 NO APPARENT CHANGE IN FACILITIES.

25X1

P-3 MANAGUA MILITARY CAMP CU 2258N 08217W
 OB -- 2 TANKS/SP GUNS OBSERVED ON DRIVER-TRAINING
 COURSE.
 HEAVY CLOUDS LIMIT INTERPRETATION.

25X1

NAZARENO MILITARY CAMP CU 2257N 08213W
 OB -- 11 TANKS/SP GUNS, 2 PROBABLE TANKS/SP GUNS, 23
 BTR 60-P, 22 CARGO TRUCKS, AND 8 OTHER VEHICLES/PIECES
 OF EQUIPMENT.
 NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA MILITARY CAMP CUBANACAN CU 2224N 07952W
 OB -- NONE OBSERVED.
 NO APPARENT CHANGE IN FACILITIES.

25X1

LAS MERCEDES VEHICLE PARK CU 2224N 08001W
 OB -- AT LEAST 25 CARGO TRUCKS AND 53 OTHER
 VEHICLES/PIECES OF EQUIPMENT OBSERVED IN CLOUD-FREE
 AREAS.

P-4 NO APPARENT CHANGE IN FACILITIES.

25X1

LA CHARCA MILITARY ACTIVITY CU 2246N 08036W
 BUILDINGS AND ARCH-ROOFED BUNKERS REMAIN UNDER
 CONSTRUCTION.
 OB -- MAIN CAMP -- 6 FA PIECES, 44 CARGO TRUCKS, AND AT
 LEAST 18 OTHER VEHICLES/PIECES OF EQUIPMENT.
 ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
 HEAVY CLOUDS AND HAZE LIMIT INTERPRETATION.

25X1

CIENFUEGOS LANDING BEACH CU 2202N 08036W
 NO NEW MILITARY ACTIVITY OBSERVED.

25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

SANTA CLARA EW/GCI RADAR SITE	2229N 07956W
OFELIA MILITARY CAMP	2006N 07530W
SANTA CLARA ARTILLERY TRAINING AREA	2222N 08000W
MATANZAS LANDING BEACH	2301N 08126W
NICARO LANDING BEACH	2042N 07533W
P-5 GANUZA LANDING BEACH	2305N 08030W
CAYO DE SABINAL LANDING BEACH	2144N 07728W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

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RANCHUELO SAM SITE A23-2	2223N 080710W
SANTIAGO DE CUBA SAM SITE A23-2	1959N 07550W
SANTIAGO DE CUBA SAM ASSEMBLY AREA	2004N 07553W
SANTIAGO SAM TRAINING AREA	1958N 07551W
TORRENS SAM ASSEMBLY AREA	2257N 08227W
SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA	2257N 08221W
GUANABO CRUISE-MISSILE SITE	2309N 08203W
ANTONIO MACEO AIRFIELD	1958N 07550W
CORONEL PASCUAL AIRFIELD	2307N 08117W
CAMPO LIBERTAD AIRFIELD	2305N 08226W
SANTIAGO DE CUBA NAVAL BASE AND PORT	2001N 07550W
CARDENAS PORT	2302N 08111W
PUNTA BALLENATOS MARINA	2305N 08230W
SANTIAGO DE CUBA EW/GCI RADAR SITE	1959N 07551W
SANTIAGO DE CUBA EW/GCI RADAR SITE 2	2005N 07551W
<i>26</i> LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
MATANZAS LOW SIEVE RADAR SITE	2306N 08133W
DOS CAMINOS MILITARY CAMP	2014N 07547W
RANCHO BOYEROS MIL TRAINING AREA A CAMP	2300N 08218W
LA HABANA BARRACKS COJIMAR	2309N 08215W
SANTIAGO DE LAS VEGAS MIL CAMP SOUTH	2257N 08223W
CANTEL MILITARY CAMP	2302N 08119W
LA QUINTA MILITARY CAMP	2002N 07551W
SANTA CLARA MILITARY CAMP SOUTH	2222N 07958W
SANTIAGO DE CUBA MILITARY CAMP NW	2003N 07554W
SANTIAGO DE CUBA MILITARY CAMP	2003N 07553W
CIENFUEGOS MILITARY ACTIVITY	2209N 08027W
PENINSULA DE HICACOS LANDING BEACH	2311N 08130W